

## ECS Configuration Change Request

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1. Originator Alexander Schuster	2. Log Date: 10/15/98	3. CCR #: 98-1103	4. Rev: —	5. Tel: x0519	6. Off:	7. Org. MSS
8. Title of Change: Turnover of XRP Patch to SMC for test at GSFC and VATC						
9. Originator Signature <i>A Schuster</i>	10. Date: 10/14/98	11. Class II	12. Type: CCR	13. Need Date: 10/16/98		
14. Office Manager Signature <i>Ronald Miller</i> <i>For Mr. Armstrong</i>	15. Date: 10/14/98	16. Date CCB Decision Needed: 10/15/98	17. Category of Change: Update Baseline	18. Priority: Emergency		
19. Documentation/Drawings Impacted: 609-CD-003-02 914-TDA-044 (errata attached)		20. Schedule Impact:		21. CI(s) Affected: MLCI		
22. Release Affected: 2.0, 4P Landsat		23. Date due to Customer:	24. Impl. Date: 10/16/98	25. Effectivity of Change: 10/16/98	26. Est. Cost None	
27. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> Other: <i>ECSed 17243, 17239, 17132, 17212, 17479, 18061</i>						
28. Description of Change: (use additional Sheets if necessary) Provide a new XRP-II Site-Host Map report (NCR 17132) and correct bugs in XRP-II, version 3.1 (NCRs 17239, 17243, 17479, 17212, and 18061). See attached and block 31 for details.						
29. Proposed Solution: (use additional sheets if necessary) Add the changes to the 4PL XRP-II system and re-deliver to the SMC as a patch to 4P Landsat (XRP-II v3.1) for testing at GSFC and VATC.						
30. Alternate Solution: (use additional sheets if necessary) None.						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) NCR ECSed17132: The EDF cannot use XRP-II instead of MS Access to generate Site-Host Map reports it needs. NCR ECSed17239: Data can appear before col headings under certain page break conditions on a Hardware-Software Map. (con't)						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input checked="" type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input checked="" type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input checked="" type="checkbox"/> M&O <input type="checkbox"/> QO <input checked="" type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input checked="" type="checkbox"/> Sys. Eng. <input checked="" type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments:				36. Work Assigned To:		
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>A Schuster</i> 10/19/98		40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

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## ADDITIONAL SHEET

CCR #: 98-1103 Rev:      Originator: Alexander Schuster

Telephone: 925-0519      Office: MSS Dev't

**Title of Change:** Turnover of XRP Patch to SMC for test at GSFC and VATC

**28. Description of Change:**

XRP-II's Site-Host Map report format has been expanded to accommodate VATC, VATC (SMC), mini-DAAC, and mini-DAAC (SMC) data, and formatting revisions have been included in XRP-II's Hardware-Software Map, Indented Bill of Materials, and Baselined Documents reports. Also, a problem precluding creation of EIN item interrelationships has been fixed. Some of these changes were slated for delivery as part of Drop 5A, but they are wanted by the baseline data deployment team now.

**31. Consequences if Changes are not Approved:**

NCR ECSed17243: One of two indented bill of material reports cannot be used since it prints more lines than fit on a page.

NCR ECSed17479: Document numbers used for identifying baseline reports posted to the Web would be labelled as "Notes" in published reports.

NCR ECSed17212: No significant consequence anticipated.

NCR ECSed18061: Data that associates inventory items with one another cannot be displayed.

32. This patch should be used for Acceptance testing in lieu of the version initially delivered for 4PL.

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## Details of the Patch to XRP-II v3.1

### **Purpose**

This urgent patch to XRP-II, v3.1, is intended to add a new report and implement format changes to several others as requested by System Engineering. It also clears two problems in existing reports, fixes a problem that was precluding display of parent-child relationships among inventory items, and corrects an error in XRP's readme file.

The new report, Site-Host Map (+ EDF), adds the VATC-DAAC, VATC-SMC, Mini-DAAC, and MiniDAAC-SMC facilities to the set of operational sites for which host names are listed and is wanted in order to reduce reliance on MS Access for EDF baseline data.

Existing reports are changed as follows:

- COTS Software Version Baseline - a column now specially identifies baselined software items coded as freeware or shareware instead of COTS.
- Hardware-Software Map - the order of data columns is changed to reflect a shift from sorting report data by CI then name to sorting it by name only. Also, pages break properly when processing Note data, and a new column now indicates whether baselined software items mapped to a host are intended to be platform-resident, RAID-resident, or automounted.
- Baselined Documents by Titles - provides for including a document number on a report
- Baselined Documents by Numbers - provides for including a document number on a report
- Site-Host Map - provides for including a document number on a report
- Indented Bill of Material - the appropriate number of lines are now printed per page.

ILM's EIN Structure Manager screen once again finds and displays records that identify the components of a user-specified inventory item.

The readme file no longer specifies the invalid argument for a login command, and it includes the directory for the postprint utility previously missing from the description of pathnames contained in XRP configuration files. It reflects revisions previously included in 914-TDA-044, Rev01 - the installation and release notes document for XRP approved at PSR.

### **NCRs Fixed**

ECSed17132 (Severity 3)  
ECSed17212 (Severity 4)  
ECSed17239 (Severity 3)  
ECSed17243 (Severity 3)  
ECSed17479 (Severity 5)  
ECSed18061 (Severity 2)

### **Nature of Fix**

Most of the above NCRs were implemented by creating or changing XRP-II report scripts as necessary. Corresponding changes had to be made to XRP-II's manufacturing report definition file, report field prompt file, report data entry screens, and database presets. The EIN data

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retrieval problem was fixed in a new executable from the vendor. XRP's readme file was edited to correct errors and clarify the instructions based on feedback from the system administrators.

Specifically, the following "source" files were updated. All are listed relative to XRP-II's principal directory.

- Report scripts: mms/local/picotsbl.rp  
mms/local/hwswmap.rp  
mms/local/basedoc1.rp  
mms/local/basedoc2.rp  
mms/local/sitehost1.rp  
mms/local/sitehost2.rp  
mms/local/pibomr2.rp
- Report definitions: mms/local/msreports
- Report prompts: mms/nasa/nasa.rpp
- Report screens: mms/local/picotsbl.dv  
mms/local/hwswmap.dv  
mms/local/basedoc.dv  
mms/local/sitehost.dv
- Database file: mms/bin/file.db (table "screen")
- Readme file: README.xrp

#### ***Installation Instructions***

Since the 4PL XRP-II has yet to be installed at the operational sites, this patch is delivered as a complete XRP-II system. Consequently, installers should follow the instructions in 914-TDA-044, Rev02, and any associated errata (see URL: [http://pete.hitc.com/baseline/cots/XRP\\_II](http://pete.hitc.com/baseline/cots/XRP_II)), using the patch tar file in lieu of the file delivered at PSR for XRP-II, v3.1.

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